

Agenda Item is over 50 pages; may be viewed in the Minutes Department

Agenda Item #: 3-C-11

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date: March 14, 2017 Consent Regular
 Workshop Public Hearing

Department: Engineering & Public Works
Submitted By: Engineering & Public Works
Submitted For: Roadway Production Division

EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: an annual guardrail contract, Project No. 2017052, with Southeast Highway Guardrail and Attenuators, LLC (Southeast), in an amount not to exceed the total value of \$300,000 for task orders.

SUMMARY: Approval of this contract will facilitate the furnishing and installation of guardrail, furnishing of guardrail products, removal and disposal of "old" guardrail, and/or resetting of existing guardrail. The Palm Beach County Small Business Enterprise (SBE) goal for all contracts is 15%. The SBE participation committed for the project by Southeast, the sole responsive, responsible bidder is 0%. This contract is for 12 months, with the possibility of an extension for up to a total of 36 months. Countywide (MJ)

Background and Justification: Bids for the project were received by the Engineering Department on December 20, 2016. Southeast, the sole bidder was found to be responsive and responsible. The above contract amount is based on the estimated amount to be expended for guardrail maintenance and replacement throughout Palm Beach County over a 12 month period. Southeast is a Palm Beach County company.

Attachments:

1. Contract (3)
2. Contract Pages C-1 and C-2
3. SBE Compliance Review
4. Bid Tabulation

Recommended by: ^{OGF} A. T. Wahl 2/13/17
 Department Director Date

Approved By: Karee Johnson 2/27/17
 Assistant County Administrator Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2017	2018	2019	2020	2021
Capital Expenditures	<u>\$300,000</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Operating Costs	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
External Revenues	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Program Income (County)	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
In-Kind Match (County)	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
NET FISCAL IMPACT	<u>\$300,000</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	_____	_____	_____	_____	_____

Is Item Included in Current Budget? Yes No

Budget Account No:

Fund Dept Unit Object

Recommended Sources of Funds/Summary of Fiscal Impact:

<u>User Dept/Division</u>	<u>Budget Amounts</u>
Engineering	\$ 250,000
Parks & Recreation	\$ 25,000
Airports	\$ 10,000
Fire Rescue	\$ 10,000
Water Utilities	\$ 5,000
Total	<u>\$ 300,000</u>

Allocations to the various departments are a not to exceed amount and can be expended from various lines for various projects where budget is available. Work will be performed on a task order basis. **Total fiscal impact will not exceed \$300,000.

C. Departmental Fiscal Review: Alie Kovalainen

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Dev. and Control Comments:

ASD
2/14
OFMB Ex 2/13

Contract Dev. and Control
2/17/17 TW

B. Approved as to Form and Legal Sufficiency:

Assistant County Attorney
2/22/17

C. Other Department Review:

Department Director

This summary is not to be used as a basis for payment.

ANNUAL CONTRACT

STATE OF FLORIDA)

) SS

COUNTY OF PALM BEACH)

This Contract, made this ____ day of _____, A.D. 20____, by and between PALM BEACH COUNTY, a Political Subdivision of the State of Florida, (hereinafter "County"), and _____, Florida, and their heirs, executors, administrators and assigns, (hereinafter "Contractor"):

WITNESSETH: The Contractor agrees with the County, for the consideration herein mentioned at their own proper cost and expense to do all the work and furnish all necessary labor, materials, equipment, machinery, tools, apparatus, services, state workmen's compensation and unemployment compensation taxes incurred in the performance of the contract, for the:

IN THE AMOUNTS specified in work orders which may be issued by the County. The County is not required to issue any work orders hereunder. The total value of work orders issued under this Contract shall not exceed Three Hundred Thousand Dollars (\$300,000.00), except as may be increased according to Section 9-11 of the Contract Specifications.

The Contractor further agrees for the consideration herein mentioned to commence the work with adequate forces and equipment within five (5) working days of the work order being issued for a specific project. After commencement of the work, the work order shall be properly dispatched toward completion, to the satisfaction of the Engineer, and shall be fully complete within the time limit specified in the work order. Should the time limit for completion of the work order exceed the expiration date of the contract, the work order work will continue to completion and the Contractor shall ensure that Bonding and Insurance coverage do not expire until all work orders issued prior to the expiration of this Contract are complete and accepted. It is understood and agreed that the time limit for completion of said work is the essence of the contract and should the Contractor fail to complete the work within the time limit, it is agreed that for such calendar day that any work provided for in these Contract Documents shall remain incomplete after the time limit has expired, including any official extension of the time limit; the sum per day given in the contained schedules shall be deducted from monies due the Contractor, not as a penalty, but as liquidated damages and added expense for supervision.

The Contractor shall take into account all contingent work which has to be done by other parties arising from any cause whatsoever, and shall not plead his want of knowledge of such contingent work as an excuse for delay in his work, or for its non-performance.

IN WITNESS WHEREOF, the parties have caused this Contract to be executed and sealed the day and year first written above.

ATTEST:

SHARON R. BOCK,
Clerk & Comptroller

PALM BEACH COUNTY, FLORIDA, a
Political Subdivision of the
State of Florida

BOARD OF COUNTY COMMISSIONERS

By: _____
Deputy Clerk

By: _____
Paulette Burdick, Mayor

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY

APPROVED AS TO TERMS
AND CONDITIONS

(witness signature)

(Corporate Name)

(witness name printed)

a _____ corporation
(insert state of incorporation)

(witness signature)

By _____
(signature)

(witness name printed)

(print signatory's name)

Its _____
(print title)

(date)

(Corporate Seal)

JAN 13 2017



Office of Small Business Assistance
50 South Military Trail, Suite 202
West Palm Beach, FL 33415
(561) 616-6840
Fax: (561) 616-6850
www.pbcgov.com/osba

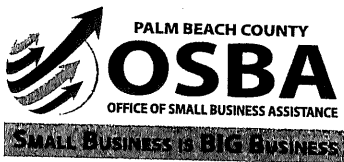
DATE: January 11, 2017
TO: Holly B. Knight, P.E., Contracts Section Manager
Roadway Production Division
THROUGH: Allen Gray, Manager
Office of Small Business Assistance *Allen Gray*
FROM: Angela D. Smith, Small Business Development Specialist II
Office of Small Business Assistance *Angela D. Smith*
SUBJECT: Compliance Review on Project No. 2017052
Annual Guardrail Contract

The following is a Compliance Review of SBE participation on the above-mentioned project. The Bid Opening date was December 20, 2016. SBE participation is calculated on the amount less contingency.

Sole Bidder: Southeast Highway Guardrail & Attenuators, LLC
Bid Amount: \$568,709.25
Amount Less Contingency: \$568,709.25
Goal: 15% Overall
Goal Achieved: 0 %
SBE Participation: 0%

EVALUATION:

The sole bidder, **Southeast Highway Guardrail & Attenuators, LLC**, has not met the SBE Goal for this project.



**Palm Beach County
Board of County
Commissioners**

Paulette Burdick, Mayor
Melissa McKinlay, Vice Mayor

Hal R. Valeche

Dave Kerner

Steven L. Abrams

Mary Lou Berger

Mack Bernard

County Administrator

Verdenia C. Baker

"An Equal Opportunity
Affirmative Action Employer"

BID PROPOSAL ANNUAL GUARDRAIL CONTRACT PBC PROJECT #2017052				ENGINEER S ESTIMATE	Southeast Highway Guardrail & Attenuators, LLC	
ITEM #	ITEM DESCRIPTION	QTY	UNITS	UNIT PRICE	UNIT PRICE	TOTAL
1	Emergency Response, Less Than 6 Hours	5	EA	\$ 750.00	\$ 500.00	\$ 2,500.00
2	Emergency Response, 6 Hours to 24 Hours	10	EA	\$ 500.00	\$ 250.00	\$ 2,500.00
3	Emergency Response, 24 Hours to 72 Hours	12	EA	\$ 250.00	\$ 100.00	\$ 1,200.00
4	Removal & Disposal of "Old" GuardRail	9,000	LF	\$ 2.16	\$ 2.00	\$ 18,000.00
5	Removal & Disposal "Old" GuardRail, w/Concrete PostS	20	LF	\$ 5.40	\$ 1.00	\$ 20.00
6	Removal & Disposal of Anchorage Assemblies	75	EA	\$ 10.80	\$ 10.00	\$ 750.00
7	Removal & Disposal of Safety Pipe Rail	350	LF	\$ 1.08	\$ 0.25	\$ 87.50
8	Remove and Deliver Used GuardRail to Road & Bridge Warehouse	75	LF	\$ 0.01	\$ 0.50	\$ 37.50
9	Installation of Used GuardRail	25	LF	\$ 7.56	\$ 16.00	\$ 400.00
10	Reset GuardRail	12,500	LF	\$ 6.48	\$ 4.00	\$ 50,000.00
11	Misc. Asphalt	1	TN	\$ 550.00	\$ 600.00	\$ 600.00
12	Surcharge to Reset GuardRail Post on Base Plate	5	EA	\$ 10.80	\$ 1.00	\$ 5.00
13	Raise and Reset Existing GuardRail (Posts and Panels)	25	LF	\$ 9.72	\$ 13.00	\$ 325.00
14	Reset Anchorage Assembly, Type SKT 350	2	EA	\$ 378.00	\$ 1,500.00	\$ 3,000.00
***** FURNISH AND INSTALL, COMPLETE ITEMS 15-105 (SEE NOTE 5) *****						
15	Anchorage Assembly, Type II, Cable Anchor Option	2	EA	\$ 1,080.00	\$ 1,500.00	\$ 3,000.00
16	Anchorage Assembly, Type MELT	7	EA	\$ 2,808.00	\$ 1.00	\$ 7.00
17	Anchorage Assembly, Type LET	8	EA	\$ 2,808.00	\$ 1.00	\$ 8.00
18	Anchorage Assembly, Type SKT 350	3	EA	\$ 3,500.00	\$ 3,600.00	\$ 10,800.00
19	Anchorage Assembly, Type SRT-350	5	EA	\$ 2,808.00	\$ 3,600.00	\$ 18,000.00
20	Anchor Panel, for Type II	8	EA	\$ 216.00	\$ 100.00	\$ 800.00
21	Anchor Panel, for Type MELT	4	EA	\$ 216.00	\$ 1.00	\$ 4.00
22	Anchor Panel, for Type LET	2	EA	\$ 216.00	\$ 1.00	\$ 2.00
23	Anchor Panel, for Type SKT 350	12	EA	\$ 300.00	\$ 300.00	\$ 3,600.00
24	Type MELT Buffered End (w/Diaphragms)	4	EA	\$ 216.00	\$ 1.00	\$ 4.00
25	Cable w/Hardware, for Type MELT	3	EA	\$ 54.00	\$ 1.00	\$ 3.00
26	Type SKT 350 Extruder Head	8	EA	\$ 1,080.00	\$ 1,500.00	\$ 12,000.00
27	Short Post in Sleeve for Types SKT 350 and MELT	15	EA	\$ 216.00	\$ 100.00	\$ 1,500.00
28	Block, Concrete, Special, AT Bridge	2	EA	\$ 1.08	\$ 1.00	\$ 2.00
29	Block, Offset Utility (Double BlockinG)	5	EA	\$ 54.00	\$ 1.00	\$ 5.00
30	Block, Wood, w/Hardware	200	EA	\$ 16.20	\$ 15.00	\$ 3,000.00
31	Block, Recycled Plastic, w/GuardRail Bolt	70	EA	\$ 16.20	\$ 25.00	\$ 1,750.00
32	End Section, Buffer	3	EA	\$ 216.00	\$ 400.00	\$ 1,200.00
33	End Section, Flared	10	EA	\$ 108.00	\$ 20.00	\$ 200.00
34	End Section, Parallel	10	EA	\$ 40.00	\$ 20.00	\$ 200.00
35	End Section, CRT	10	EA	\$ 40.00	\$ 20.00	\$ 200.00
36	End Section, Rounded	40	EA	\$ 37.80	\$ 25.00	\$ 1,000.00
37	End Shoe, Special (Bridge Attachment Piece)	4	EA	\$ 108.00	\$ 15.00	\$ 60.00
38	Drill Holes for End Shoe Attachment	100	EA	\$ 16.20	\$ 0.50	\$ 50.00
39	GuardRail, Steel Beam, Double Face	25	LF	\$ 16.20	\$ 4.00	\$ 100.00
40	GuardRail, Steel Beam, Straight Panel Only (No Post or Hardware)	2,250	LF	\$ 19.44	\$ 18.00	\$ 40,500.00
41	GuardRail, Steel Beam, Shop Bent Panel Only (No Post or Hardware)	200	LF	\$ 21.60	\$ 9.00	\$ 1,800.00
42	GuardRail, Steel Beam, Straight, Jobs Up Through 37' 6"	1,250	LF	\$ 22.68	\$ 19.00	\$ 23,750.00
43	GuardRail, Steel Beam, Straight, Jobs of 37' 7" - 62' 6"	800	LF	\$ 22.68	\$ 20.00	\$ 16,000.00
44	GuardRail, Steel Beam, Straight, Jobs of 62' 7" - 100' 0"	550	LF	\$ 21.60	\$ 20.00	\$ 11,000.00
45	GuardRail, Steel Beam, Straight, Jobs of 100' 1" - 500' 0"	650	LF	\$ 21.60	\$ 20.00	\$ 13,000.00
46	GuardRail, Steel Beam, Straight, Jobs Over 500'	2,000	LF	\$ 18.36	\$ 20.00	\$ 40,000.00
47	GuardRail, Steel Beam, Straight, w/9' Posts	25	LF	\$ 22.68	\$ 1.00	\$ 25.00
48	GuardRail, Steel Beam, Shop Bent, Jobs Up Through 37' 6"	350	LF	\$ 24.84	\$ 13.00	\$ 4,550.00
49	GuardRail, Steel Beam, Shop Bent, Jobs of 37' 7" - 62' 6"	150	LF	\$ 24.84	\$ 8.00	\$ 1,200.00
50	GuardRail, Steel Beam, Shop Bent, Jobs of 62' 7" - 100' 0"	125	LF	\$ 12.96	\$ 4.00	\$ 500.00
51	GuardRail, Steel Beam, Shop Bent, Jobs of 100' 1" - 500' 0"	113	LF	\$ 10.80	\$ 4.00	\$ 452.00
52	GuardRail, Steel Beam, Shop Bent, w/9' PostS	25	LF	\$ 10.80	\$ 3.00	\$ 75.00
53	5 Degree Radius Shop Bent GuardRail (6-1/4')	31	LF	\$ 20.52	\$ 3.00	\$ 93.00
54	Transition Panel, QUAD Beam to W Beam, Narrow	2	EA	\$ 10.80	\$ 25.00	\$ 50.00
55	Transition Panel, QUAD Beam to W Beam, Medium	2	EA	\$ 10.80	\$ 25.00	\$ 50.00
56	Transition Panel, QUAD Beam to W Beam, Wide	2	EA	\$ 10.80	\$ 25.00	\$ 50.00
57	Post, GuardRail, Steel, Standard	70	EA	\$ 108.00	\$ 150.00	\$ 10,500.00
58	Post, GuardRail, Steel, 9'	3	EA	\$ 108.00	\$ 35.00	\$ 105.00
59	Post, GuardRail, Wood (Treated Timber), Standard	18	EA	\$ 108.00	\$ 100.00	\$ 1,800.00
60	Post, GuardRail, Encased, Steel	3	EA	\$ 81.00	\$ 150.00	\$ 450.00
61	Post, GuardRail, Encased, Wood	3	EA	\$ 10.80	\$ 1.00	\$ 3.00
62	Post, GuardRail, Steel, Special, w/Plate	5	EA	\$ 108.00	\$ 150.00	\$ 750.00
63	Post, GuardRail, CRT	15	EA	\$ 216.00	\$ 200.00	\$ 3,000.00
64	Rail, Safety Pipe, Special	225	LF	\$ 16.20	\$ 12.00	\$ 2,700.00
65	Round-Off Top of Wooden GuardRail Post and Block (All Sides)	25	EA	\$ 3.24	\$ 0.25	\$ 6.25
66	Controlled Release Terminal, 8' Radius	2	EA	\$ 1,944.00	\$ 3,000.00	\$ 6,000.00
67	Controlled Release Terminal, 16' Radius	1	EA	\$ 1,944.00	\$ 1,000.00	\$ 1,000.00
68	Controlled Release Terminal, 24' Radius	2	EA	\$ 540.00	\$ 800.00	\$ 1,600.00
69	Controlled Release Terminal, 32' Radius	2	EA	\$ 540.00	\$ 600.00	\$ 1,200.00
THRIE Beam						
70	THRIE Beam Terminal Connector	3	EA	\$ 216.00	\$ 10.00	\$ 30.00
71	THRIE Beam Bridge Connector Complete (Detail J)	8	EA	\$ 3,024.00	\$ 3,000.00	\$ 24,000.00
72	12" x 12" x 1/4" Back Up Plate	2	EA	\$ 1.08	\$ 1.00	\$ 2.00
73	8" x 8" x 5/8" Filler Plate	5	EA	\$ 1.08	\$ 1.00	\$ 5.00
74	21" x 21" x 5/8" Back Up Plate	5	EA	\$ 1.08	\$ 1.00	\$ 5.00
75	THRIE Beam, Straight Panel Complete (w/ Post, Block & Hardware)	20	LF	\$ 23.76	\$ 16.00	\$ 320.00
76	THRIE Beam, Shop Bent Panel Complete (w/ Post, Block & Hardware)	85	LF	\$ 10.80	\$ 28.00	\$ 2,380.00
77	THRIE Beam, Straight Panel (Panel Only)	125	LF	\$ 16.20	\$ 12.00	\$ 1,500.00
78	THRIE Beam, Shop Bent Panel (Panel Only)	5	LF	\$ 54.00	\$ 12.00	\$ 60.00
79	6'-3" Transition Panel THRIE Beam to W-Beam	6	EA	\$ 237.60	\$ 150.00	\$ 900.00
80	THRIE Beam Offset Block	4	EA	\$ 70.20	\$ 21.00	\$ 84.00
G-R-E-A-T System - Additional Parts						
81	G-R-E-A-T System Fender Panel	2	EA	\$ 27.00	\$ 1,100.00	\$ 2,200.00
82	G-R-E-A-T System Type 51 HEX-FOAM Cartridge	2	EA	\$ 1,080.00	\$ 1,100.00	\$ 2,200.00
83	G-R-E-A-T System Diaphragm 24"	2	EA	\$ 108.00	\$ 100.00	\$ 200.00
84	G-R-E-A-T System Diaphragm 30"	2	EA	\$ 108.00	\$ 100.00	\$ 200.00
85	G-R-E-A-T System Diaphragm 36"	2	EA	\$ 108.00	\$ 100.00	\$ 200.00

BID PROPOSAL ANNUAL GUARDRAIL CONTRACT PBC PROJECT #2017052				ENGINEER S ESTIMATE	Southeast Highway Guardrail & Attenuators, LLC	
ITEM #	ITEM DESCRIPTION	QTY	UNITS	UNIT PRICE	UNIT PRICE	TOTAL
86	G-R-E-A-T System Nose Assembly	2	EA	\$ 1,080.00	\$ 1,500.00	\$ 3,000.00
87	G-R-E-A-T System Concrete Backup Wall Assembly	2	EA	\$ 10.80	\$ 1.00	\$ 2.00
88	G-R-E-A-T System Deflector Assembly for Bidirectional System	2	EA	\$ 10.80	\$ 1.00	\$ 2.00
89	G-R-E-A-T System Tension Strut Backup Wall Assembly	2	EA	\$ 108.00	\$ 1.00	\$ 2.00
90	G-R-E-A-T System Wide Flange Backup Wall Assembly	2	EA	\$ 10.80	\$ 1.00	\$ 2.00
91	G-R-E-A-T System Concrete Barrier Wall Backup Assembly	2	EA	\$ 10.80	\$ 1.00	\$ 2.00
QUADGUARD Energy Absorbing System						
92	QUADGUARD Energy Absorbing Sys., (3 Bay) (All Widths) (Includes Founda	1	EA	\$ 18,360.00	\$ 13,500.00	\$ 13,500.00
93	QUADGUARD Energy Absorbing Sys., Additional Bay (All Widths) (Includes	2	EA	\$ 15,120.00	\$ 2,500.00	\$ 5,000.00
QUADGUARD Energy Absorbing System - Bay Replacement Parts						
94	QUADGUARD Energy Absorbing Sys., Additional Cartridges (Type I)	2	EA	\$ 1,080.00	\$ 1,500.00	\$ 3,000.00
95	QUADGUARD Energy Absorbing Sys., Additional Cartridges (Type II)	1	EA	\$ 1,080.00	\$ 1,500.00	\$ 1,500.00
96	QUADGUARD Energy Absorbing Sys., Backup Assy., Concrete 24"	2	EA	\$ 108.00	\$ 1.00	\$ 2.00
97	QUADGUARD Energy Absorbing Sys., Backup Assy., Tension Strut 24"	2	EA	\$ 108.00	\$ 2,800.00	\$ 5,600.00
QUADGUARD Energy Absorbing System - Parts for Repair of Damaged QUADGUARD						
98	QUADGUARD Energy Absorbing Sys., Nose Assembly, 24"/30"/36"	1	EA	\$ 1,080.00	\$ 1,800.00	\$ 1,800.00
99	QUADGUARD Energy Absorbing Sys., Diaphragm 24"	2	EA	\$ 1,080.00	\$ 1,250.00	\$ 2,500.00
100	QUADGUARD Energy Absorbing Sys., Diaphragm 30"	2	EA	\$ 108.00	\$ 650.00	\$ 1,300.00
101	QUADGUARD Energy Absorbing Sys., Fender Panel Assembly, 24"/30"/36"	2	EA	\$ 540.00	\$ 1,500.00	\$ 3,000.00
QUADGUARD ELITE System - Bay Replacement Parts						
102	QUADGUARD ELITE Fender Panel	2	EA	\$ 1,080.00	\$ 800.00	\$ 1,600.00
103	QUADGUARD ELITE Diaphragm Assembly	2	EA	\$ 1,620.00	\$ 1,100.00	\$ 2,200.00
104	QUADGUARD ELITE Nose Belt Assembly	1	EA	\$ 972.00	\$ 3,500.00	\$ 3,500.00
105	QUADGUARD ELITE Cylinder Cartridge	2	EA	\$ 0.16	\$ 3,000.00	\$ 6,000.00
***** FURNISH ONLY, DELIVERED - ITEMS 106-177 (SEE NOTE 6) *****						
106	Anchorage Assembly, Type LET	2	EA	\$ 378.00	\$ 1.00	\$ 2.00
107	Anchorage Assembly, Type SKT 350	2	EA	\$ 1,080.00	\$ 1,500.00	\$ 3,000.00
108	Type MELT Buffered End (w/Diaphragms)	3	EA	\$ 108.00	\$ 1.00	\$ 3.00
109	Cable w/Hardware, for Type MELT	5	EA	\$ 10.80	\$ 1.00	\$ 5.00
110	Type SKT 350 Extruder Head	2	EA	\$ 108.00	\$ 700.00	\$ 1,400.00
111	Short Post in Sleeve for TypeS SKT 350 and MELT	3	EA	\$ 27.00	\$ 30.00	\$ 90.00
112	Block, Wood, w/Hardware	18	EA	\$ 3.24	\$ 10.00	\$ 180.00
113	Block, Recycled Plastic	30	EA	\$ 5.40	\$ 5.00	\$ 150.00
114	End Section, Buffer	5	EA	\$ 16.20	\$ 25.00	\$ 125.00
115	End Section, Flared	5	EA	\$ 27.00	\$ 25.00	\$ 125.00
116	End Section, Parallel	5	EA	\$ 25.00	\$ 25.00	\$ 125.00
117	End Section, CRT	5	EA	\$ 25.00	\$ 25.00	\$ 125.00
118	End Section, Rounded	2	EA	\$ 32.40	\$ 25.00	\$ 50.00
119	End Shoe, Special (Bridge Attachment Piece)	5	EA	\$ 1.08	\$ 6.00	\$ 30.00
120	GuardRail, Steel Beam, Straight, Incl./Hardware	25	LF	\$ 4.86	\$ 6.00	\$ 150.00
121	GuardRail, Steel Beam, Shop Bent, Incl./Hardware	25	LF	\$ 5.94	\$ 9.00	\$ 225.00
122	5 Degree Radius Shop Bent GuardRail (6-1/4')	25	LF	\$ 1.08	\$ 8.00	\$ 200.00
123	Transition Panel, QUAD Beam to W Beam, Narrow	2	EA	\$ 10.80	\$ 50.00	\$ 100.00
124	Transition Panel, QUAD Beam to W Beam, Medium	2	EA	\$ 16.20	\$ 50.00	\$ 100.00
125	Transition Panel, QUAD Beam to W Beam, Wide	2	EA	\$ 16.20	\$ 50.00	\$ 100.00
126	Post, GuardRail, Steel, Standard	5	EA	\$ 37.80	\$ 50.00	\$ 250.00
127	Post, GuardRail, Steel, 9'	5	EA	\$ 386.64	\$ 39.00	\$ 195.00
128	Post, GuardRail, CRT	5	EA	\$ 27.00	\$ 30.00	\$ 150.00
129	Post, GuardRail, Wood (Treated Timber), Standard	5	EA	\$ 27.00	\$ 30.00	\$ 150.00
130	Post, GuardRail, Steel, Special, w/Plate	3	EA	\$ 10.80	\$ 100.00	\$ 300.00
131	Safety Pipe Rail, w/Hardware	25	LF	\$ 3.24	\$ 5.00	\$ 125.00
132	Safety Pipe Rail End Fixture, w/Hardware	5	EA	\$ 1.08	\$ 6.00	\$ 30.00
133	Safety Pipe Rail Angle Brackets, w/Hardware	5	EA	\$ 2.16	\$ 60.00	\$ 300.00
134	5/8" Modified Hex Nut (Recessed Nut)	25	EA	\$ 1.62	\$ 0.30	\$ 7.50
135	5/8" Oval Shoulder Button Head Bolt (1-1/4")	25	EA	\$ 1.62	\$ 0.30	\$ 7.50
136	5/8" Oval Shoulder Button Head Bolt (10")	10	EA	\$ 1.62	\$ 1.50	\$ 15.00
137	5/8" Oval Shoulder Button Head Bolt (18")	10	EA	\$ 1.62	\$ 1.50	\$ 15.00
138	5/8" Oval Shoulder Button Head Bolt (25")	10	EA	\$ 1.62	\$ 3.00	\$ 30.00
139	7/8" Bridge Attachment Bolt (12")	10	EA	\$ 4.32	\$ 6.00	\$ 60.00
140	7/8" Bridge Attachment Bolt (14")	10	EA	\$ 4.32	\$ 9.00	\$ 90.00
141	7/8" Bridge Attachment Bolt (16")	8	EA	\$ 6.48	\$ 9.00	\$ 72.00
142	7/8" Bridge Attachment Bolt (18")	10	EA	\$ 8.64	\$ 9.00	\$ 90.00
143	7/8" Bridge Attachment Bolt (20")	5	EA	\$ 10.80	\$ 10.00	\$ 50.00
144	7/8" Bridge Attachment Bolt (22")	5	EA	\$ 12.96	\$ 10.00	\$ 50.00
145	7/8" Bridge Attachment Bolt (24")	5	EA	\$ 10.80	\$ 12.00	\$ 60.00
146	7/8" Bridge Attachment Nut	5	EA	\$ 0.54	\$ 12.00	\$ 60.00
147	7/8" Bridge Attachment Washer	5	EA	\$ 0.27	\$ 12.00	\$ 60.00
148	7/8" Bridge Attachment Backing Plate	5	EA	\$ 1.08	\$ 12.00	\$ 60.00
THRIE Beam						
149	Rail Splice, THRIE-Beam	5	EA	\$ 5.40	\$ 10.00	\$ 50.00
150	THRIE Beam Terminal Connector	3	EA	\$ 3.24	\$ 10.00	\$ 30.00
151	THRIE Beam Bridge Connector Complete (Detail J)	2	EA	\$ 1,620.00	\$ 1,450.00	\$ 2,900.00
152	12" x 12" x 1/4" Back Up Plate	5	EA	\$ 1.08	\$ 20.00	\$ 100.00
153	8" x 8" x 5/8" Filler Plate - Installed Complete	5	EA	\$ 1.08	\$ 50.00	\$ 250.00
154	21" x 21" x 5/8" BACK Up Plate - Installed Complete	5	EA	\$ 1.08	\$ 50.00	\$ 250.00
155	THRIE Beam, Straight Panel Complete (w/ Post, Block & Hardware)	25	LF	\$ 15.12	\$ 16.00	\$ 400.00
156	THRIE Beam, Shop Bent Panel Complete (w/ Post, Block & Hardware)	25	LF	\$ 16.20	\$ 30.00	\$ 750.00
157	THRIE Beam, Straight Panel (Panel Only)	25	LF	\$ 6.48	\$ 8.00	\$ 200.00
158	THRIE Beam, Shop Bent Panel (Panel Only)	25	LF	\$ 6.48	\$ 8.00	\$ 200.00
159	6'-3" Transition Panel THRIE Beam to W-Beam	1	EA	\$ 10.80	\$ 100.00	\$ 100.00
160	THRIE Beam Offset Block	5	EA	\$ 6.48	\$ 8.00	\$ 40.00
QUADGUARD Energy Absorbing System						
QUADGUARD Energy Absorbing System - Bay Replacement Parts						
161	QUADGUARD Energy Absorbing Sys., Additional Cartridges (Type I)	2	EA	\$ 810.00	\$ 725.00	\$ 1,450.00
162	QUADGUARD Energy Absorbing Sys., Additional Cartridges (Type II)	2	EA	\$ 810.00	\$ 725.00	\$ 1,450.00
163	QUADGUARD Energy Absorbing Sys., Backup Assy., Concrete 24"	2	EA	\$ 1,080.00	\$ 1,500.00	\$ 3,000.00
164	QUADGUARD Energy Absorbing Sys., Backup Assy., Tension Strut 24"	2	EA	\$ 1,080.00	\$ 2,800.00	\$ 5,600.00
165	QUADGUARD Energy Absorbing Sys., Nose Assembly, 24"/30"/36"	2	EA	\$ 648.00	\$ 600.00	\$ 1,200.00

BID PROPOSAL ANNUAL GUARDRAIL CONTRACT PBC PROJECT #2017052				ENGINEER S ESTIMATE	Southeast Highway Guardrail & Attenuators, LLC	
ITEM #	ITEM DESCRIPTION	QTY	UNITS	UNIT PRICE	UNIT PRICE	TOTAL
166	QUADGUARD Energy Absorbing Sys., Diaphragm 24"	2	EA	\$ 810.00	\$ 1,000.00	\$ 2,000.00
167	QUADGUARD Energy Absorbing Sys., Diaphragm 30"	2	EA	\$ 864.00	\$ 1,000.00	\$ 2,000.00
168	QUADGUARD Energy Absorbing Sys., Diaphragm, 69"/90" (20 Sizes)	2	EA	\$ 864.00	\$ 2,000.00	\$ 4,000.00
169	QUADGUARD Energy Absorbing Sys., Fender Panel Assembly, 69"/90"	2	EA	\$ 108.00	\$ 900.00	\$ 1,800.00
QUADGUARD ELITE System						
QUADGUARD ELITE System - Bay Replacement Parts						
170	QUADGUARD ELITE Fender Panel	2	EA	\$ 432.00	\$ 700.00	\$ 1,400.00
171	QUADGUARD ELITE Diaphragm Assembly	2	EA	\$ 432.00	\$ 2,100.00	\$ 4,200.00
172	QUADGUARD ELITE Nose Belt Assembly	2	EA	\$ 486.00	\$ 3,500.00	\$ 7,000.00
173	QUADGUARD ELITE Cylinder Cartridge	2	EA	\$ 540.00	\$ 3,300.00	\$ 6,600.00
QUADGUARD ELITE System - Furnish and Install, Complete (See Note 5)						
174	QUADGUARD ELITE System (7 Bay) - 69" Wide Incl./All Hardware	1	EA	\$ 33,480.00	\$ 21,000.00	\$ 21,000.00
175	QUADGUARD ELITE System (7 Bay) - 90" Wide Incl./All Hardware	1	EA	\$ 35,640.00	\$ 21,000.00	\$ 21,000.00
176	QUADGUARD ELITE System (11 Bay) - 69" Wide Incl./All Hardware	1	EA	\$ 43,200.00	\$ 32,300.00	\$ 32,300.00
177	QUADGUARD ELITE System (11 Bay) - 90" Wide Incl./All Hardware	1	EA	\$ 33,480.00	\$ 32,000.00	\$ 32,000.00
TOTAL BID AMOUNT:						\$ 568,709.25

**ANNUAL GUARDRAIL CONTRACT
ANNUAL GUARDRAIL CONTRACT PALM BEACH COUNTY PROJECT #2017052**

*THE COUNTY DOES NOT GUARANTEE THE ACCURACY OF THE FORMULAS AND EXTENSIONS USED IN THIS SPREADSHEET.
THE ITEMS AND QUANTITIES SHOWN, SHALL GOVERN OVER THE PLANS.
PAY ITEM FOOTNOTES IN CONSTRUCTION PLANS SHALL ALSO BE INCLUDED IN ITEM UNIT PRICE.*

PAY ITEM FOOTNOTES:

All costs for Maintenance of Traffic (MOT) and mobilization shall be considered incidental to, and shall be included in, unit prices for the pay items.

NOTES:

1.	Items 4 Through 8, Removal and Disposal or Delivery of GuardRail items, - Disposition of All materials in the field shall be at the discretion of the Road and Bridge Division or other Palm Beach County representative on-site.
2.	Item 12, Surcharge to Reset GuardRail Post on Base Plate - This item is considered an add-on to the per linear foot price for Item 10 - Reset GuardRail and shall constitute all Additional labor and materials for each post removed and Reset on a surface-mounted base plate.
3.	Item 13, Raise and Reset Existing GuardRail (Posts and Panels) shall include All labor, equipment and materials to vertically raise and Reset existing guardRail sections to proper height as directed by Palm Beach County.
4.	Item 65, Round-Off Top of Wooden GuardRail Post and Block (All Sides) shall include All labor, router equipment and materials to produce a routed, 3/4" round over on All top edges and corners of Wooden Posts and Blocks adjacent to, and/or within 2' of, pedestrian sidewalks and pathways.
5.	Items 15 Through 105 and 174 Through 177, Furnish and Install, Complete shall mean Complete installation under any field conditions (in Concrete, asphalt, etc.).
6.	Items 106 Through 173, Furnish Only, Delivered Shall include All Hardware, etc. required for Completed installation of the component Parts by the Road and Bridge Division or other Palm Beach County personnel.

*Working days to complete project: (See Special Provisions).
Bids as read at opening on Tuesday, **December 20, 2016; 2:00 PM**
All bids subject to OSBA SBE compliance and Board Approval.*

*Prepared by: Geraldine Lazzarino-Kelly, Technical Assistant I
Checked by: Holly B. Knight, P.E., Contracts Section Manager*